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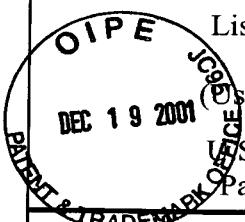
Docket No. ~~1600/2900~~ Serial No.  
**MOR-0017** 09/760,285

**List of Patent and Publications  
Cited by Applicant  
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U.S. Department of Commerce  
Patent and Trademark Office

**Applicant**  
**Nicholas C. Nicolaides et al.**

Filing Date	Group
<b>January 15, 2001</b>	<b>1645</b>



## **U. S. PATENT DOCUMENTS**

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①	AA	Aronshtam, A., et al. "Dominant negative mutator mutations in the mutl gene of Escherichia coli", <i>Nucleic Acids Research</i> , 1996, 24(13), pp 2498-2504 ✓
✓	AB	Cascalho M, et al. "Mismatch repair co-opted by hypermutation", <i>Science</i> , 1998, 279(20), pp 1207-1210 ✓
✓	AC	Polaczek, P., et al. "Functional genetic tests of DNA mismatch repair protein activity in <i>Saccharomyces cerevisiae</i> ", <i>Gene</i> , 1998, 213(1-2), pp 159-167 ✓

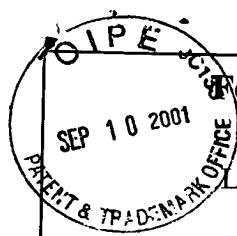
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AA	Kong, Q., "PMS2-deficiency diminishes hypermutation of a $\lambda_1$ transgene in young but not older mice," <i>Molecular Immunology</i> 36, 1999, 83-91 ✓
AB	Schrader, C.E., et al., "Reduced isotype switching in splenic B cells from mice deficient in mismatch repair enzymes," <i>J. Exp. Med.</i> , 1999, 323-330 ✓
AC	Vora, K.A., et al., "Severe attenuation of the B cell immune response in Msh2-deficient mice," <i>J. Exp. Med.</i> , 1999, 189(3), 471-481 ✓
AD	Winter, D.B., et al., "Altered spectra of hypermutation in antibodies from mice deficient for the DNA mismatch repair protein PMS2," <i>Proc. Natl. Acad. Sci. USA</i> , 1998, 95, 6953-6958 ✓
AE	Fishel, R., et al., "the human mutator gene homolog MSH2 and its association with hereditary nonpolyposis colon cancer," <i>Cell</i> , 1993, 7, 1027-1038 ✓
AF	Hamilton, S.R., et al., "The molecular basis of turcot's syndrome," <i>N. Eng. J. Med.</i> , 1995, 332(13), 839-847 ✓
AG	Nicolaides, N.C., et al., "Molecular cloning of the N-Terminus of GTBP," <i>Genomics</i> , 1996, 31, 395-397 ✓
AH	Parsons, R., et al., "Mismatch repair deficiency in phenotypically normal human cells," <i>Science</i> , 1995, 268, 738-740 ✓

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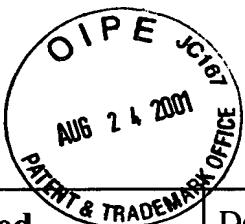
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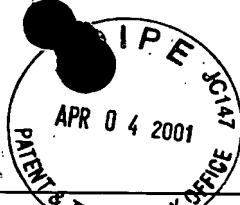
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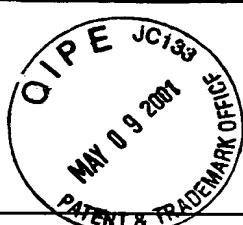
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					YES	NO
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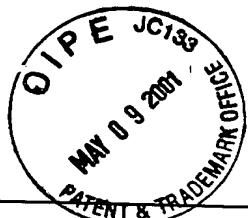
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>DR</i>	<b>AA</b>	Harfe, B.D., "DNA mismatch repair and genetic instability," <i>Annu. Rev. Genet.</i> , <b>2000</b> , 34, 359-399 ✓	
	<b>AB</b>	Nicolaides, N.C., et al., "Mutations of two PMS homologues in hereditary nonpolyposis colon cancer," <i>Nature</i> , <b>1994</b> , 371, 75-80 ✓	
	<b>AC</b>	Perucho, M., et al., "Cancer of the microsatellite mutator phenotype," <i>Biol. Chem.</i> , <b>1996</b> , 377, 675-684 ✓	
	<b>AD</b>	Traczewska, T.M., et al., "The metabolism of anthracene and 9, 10-dimethylanthracene by bacteria isolated from waters," <i>Acta Microbiologica Polonica</i> , <b>1991</b> , 40(3/4), 235-241 ✓	
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<i>✓</i>	<b>AA</b>	Chakravarti, D. et al., "Relating aromatic hydrocarbon-induced DNA adducts and c-H-ras mutations in mouse skin papillomas: The role of apurinic sites", <i>Proc. Natl. Acad. Sci. USA</i> , <b>October 1995</b> , Vol. 92, pp. 10422-10426 ✓	
<i>✓</i>	<b>AB</b>	Quian, Y. et al., "Molecular events after antisense inhibition of hMSH2 in a HeLa cell line", <i>Mutation Research</i> , <b>October 12, 1998</b> , Vol. 418, pp. 61-71 ✓	
<i>✓</i>	<b>AC</b>	Yu, Y. et al., "Adriamycin induces large deletions as a major type of mutation in CHO cells", <i>Mutation Research</i> , <b>November 1994</b> , Vol. 325, pp. 91-98 ✓	
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					YES	NO
DR	AF	99/19492 ✓	04/22/99	WO		
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Filing Date <b>January 15, 2001</b>	Group <b>Not Yet Assigned</b>
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	<b>AB</b>	Baker, S.M., et al., "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis," <i>Cell</i> , <b>1995</b> , 82, 309-319 ✓
	<b>AC</b>	Bell, C.J., et al., "Assignment of 30 microsatellite loci to the linkage map of <i>arabidopsis</i> ," <i>Enomics</i> , <b>1994</b> , 19, 137-144 ✓
	<b>AD</b>	Bjornson, K., et al., "Modulation of MutS ATP hydrolysis by DNA cofactors," <i>Biochemistry</i> , <b>2000</b> , 39, 3176-3183 ✓
	<b>AE</b>	Bronner C.E., et al., "Mutation in the DNA mismatch repair gene homologue hMLH1 is associated with hereditary non-polyposis colon cancer," <i>Nature</i> , <b>1994</b> , 368, 258-261 ✓
	<b>AF</b>	Cerniglia, C.E., et al., "Stereoselective fungal metabolism of methylated anthracenes," <i>Appl. Environ. Microbiology</i> , <b>1990</b> , 56(3), 661-668 ✓
	<b>AG</b>	de Wind, N., et al., "Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer," <i>Cell</i> , <b>1995</b> , 82, 321-330 ✓
	<b>AH</b>	Drummond, J.T., et al., "Isolation of an hMSH2-p160 heterodimer that restores DNA mismatch repair to tumor cells," <i>Science</i> , <b>1995</b> , 268, 1909-1912 ✓
	<b>AI</b>	Drummond, J.T., et al., "Cisplatin and adriamycin resistance are associated with mutl $\alpha$ and mismatch repair deficiency in an ovarian tumor cell line," <i>J. Biological Chemistry</i> , <b>1996</b> , 271(33), 19645-19648 ✓
	<b>AJ</b>	Edelmann, W., et al., "Meiotic pachytene arrest in MLH1-deficient mice," <i>Cell</i> , <b>1996</b> , 85, 1125-1134 ✓

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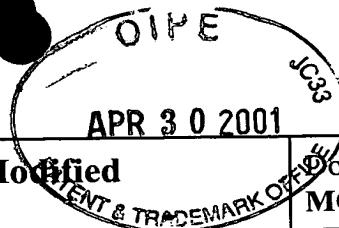
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	<b>AL</b>	Galio, L., et al., "ATP hydrolysis-dependent formation of a dynamic ternary nucleoprotein complex with MutS and MutL," <i>Nucleic Acids Research</i> , <b>1999</b> , 27(11), 2325-2331 ✓		
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	<b>AN</b>	Honma, M., et al., "Cytotoxic and mutagenic responses to X-rays and chemical mutagens in normal and p53-mutated human lymphoblastoid cells," <i>Mutation Research</i> , <b>1997</b> , 374, 89-98 ✗		
	<b>AO</b>	Jiricny, J., et al., "Mismatch repair defects in cancer," <i>Curr. Opin. Genet. Dev.</i> , <b>2000</b> , 10, 157-161 ✓		
	<b>AP</b>	Karran, P., et al., "Genomic instability and tolerance to alkylating agents," <i>Cancer Surveys</i> , <b>1996</b> , 28, 69-71 ✓		
	<b>AQ</b>	Lamparczyk, H.S., et al., "The metabolism of 9,10-dimethylanthracene by rat liver crososomal preparations," <i>Carcinogenesis</i> , <b>1984</b> , 5(11), 1405-1410 ✓		
	<b>AR</b>	Leach, F.S., et al., "Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer," <i>Cell</i> , <b>1993</b> , 75, 1215-1225 ✓		
	<b>AS</b>	Liu, T., et al., "Microsatellite instability as a predictor of a mutation in a DNA mismatch repair gene in familial colorectal cancer," <i>Genes, Chromosomes &amp; Cancer</i> , <b>2000</b> , 27, 17-25 ✓		
✓	<b>AT</b>	McCallum, C.M., "Targeted screening for induced mutations," <i>Nature Biotechnology</i> , <b>2000</b> , 18, 455-457 ✓		
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	AV	Myers, S.R., et al., "Bioalkylation and biooxidation of anthracene, <i>in vitro</i> and <i>in vivo</i> ," <i>Biochemical and Biophysical Research Commun.</i> , <b>1988</b> , 151(3), 1441-1445 ✓		
	AW	Neuberger, M., et al., "Mice perform a human repertoire," <i>Nature</i> , <b>1997</b> , 386, 25-26 ✓		
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	AY	Nicolaides, N.C., et al., "The jun family members, c-jun and junD, transactivate the human <i>c-myb</i> , promotor via an Ap1-like element," <i>J. Biological Chemistry</i> , <b>1992</b> , 267(27), 19655-19672 ✓		
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	BC	Palombo, F., et al., "Mismatch repair and cancer," <i>Nature</i> , <b>1994</b> , 367, 417 ✓		
	BD	Papadopoulos, N., et al., "Mutations of <i>GTBP</i> in genetically unstable cells," <i>Science</i> , <b>1995</b> , 268, 1915-1917 ✓		
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	<b>BF</b>	Parsons, R., et al., "hypermutable and mismatch repair deficiency in RER+ tumor cells," <i>Cell</i> , <b>1993</b> , 75, 1227-1236 ✓		
	<b>BG</b>	Peinado, M.A., et al., "Isolation and characterization of allelic losses and gains in colorectal tumors by arbitrarily primed polymerase chain reaction," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1992</b> , 89, 10065-10069 ✓		
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